

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041022\
 Data File : PD069056.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2022 15:01
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/12/2022
 Supervised By : mohammad ahmed 04/12/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 12:53:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 03:30:32 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.447	4.173	58547799	532.9E6	48.220	55.739
2)	SA Decachlor...	8.208	9.372	55623622	293.7E6	44.028	51.834
Target Compounds							
2)	A alpha-BHC	3.887	4.569	90341232	789.1E6	49.896	57.334
3)	MA gamma-BHC...	4.170	4.860	83153370	699.4E6	49.799	55.940
4)	MA Heptachlor	4.468	5.387	79888196	657.1E6	48.491	55.288
5)	MB Aldrin	4.716	5.700	78525712	635.4E6	49.136	55.351
6)	B beta-BHC	4.421	5.024	36840168	304.4E6	49.479	55.445
7)	B delta-BHC	4.625	5.249	83059807	557.2E6	50.825	46.332
8)	B Heptachlo...	5.161	6.087	71476407	573.7E6	47.795	54.934m
9)	A Endosulfan I	5.499	6.451	68035790	519.3E6	48.623	55.372
10)	B gamma-Chl...	5.387	6.324	73199754	561.3E6	48.255	54.460m
11)	B alpha-Chl...	5.446	6.400	72179194	553.4E6	48.292	55.587
12)	B 4,4'-DDE	5.611	6.550	70336526	499.4E6	51.413	53.889
13)	MA Dieldrin	5.743	6.710	70714983	524.1E6	48.430	53.955
14)	MA Endrin	6.001	6.929	62767479	342.1E6	47.648	44.211
15)	B Endosulfa...	6.275	7.135	57334775	396.7E6	46.002	52.477
16)	A 4,4'-DDD	6.129	7.041	60387120	424.6E6	51.209	57.489
17)	MA 4,4'-DDT	6.370	7.344	50230009	379.8E6	41.790	51.693
18)	B Endrin al...	6.446	7.260	43840649	316.9E6	44.161	52.362
19)	B Endosulfa...	6.658	7.484	55956828	389.9E6	43.757	53.017
20)	A Methoxychlor	6.921	7.798	29346635	177.2E6	42.346	48.611
21)	B Endrin ke...	7.152	7.960	67831640	409.6E6	46.076	52.863
22)	Mirex	7.335	8.425	52666721	291.6E6	44.438	53.192

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041022\
 Data File : PD069056.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2022 15:01
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

Manual Integrations

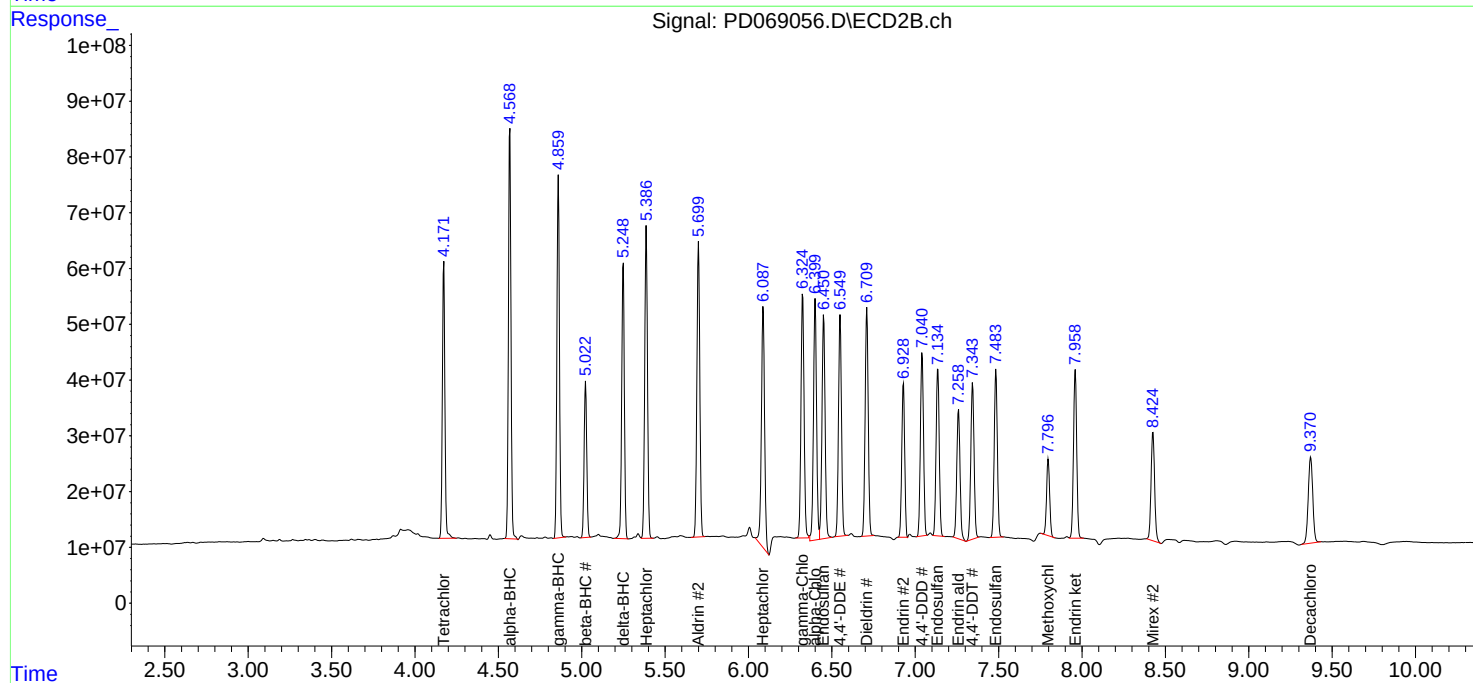
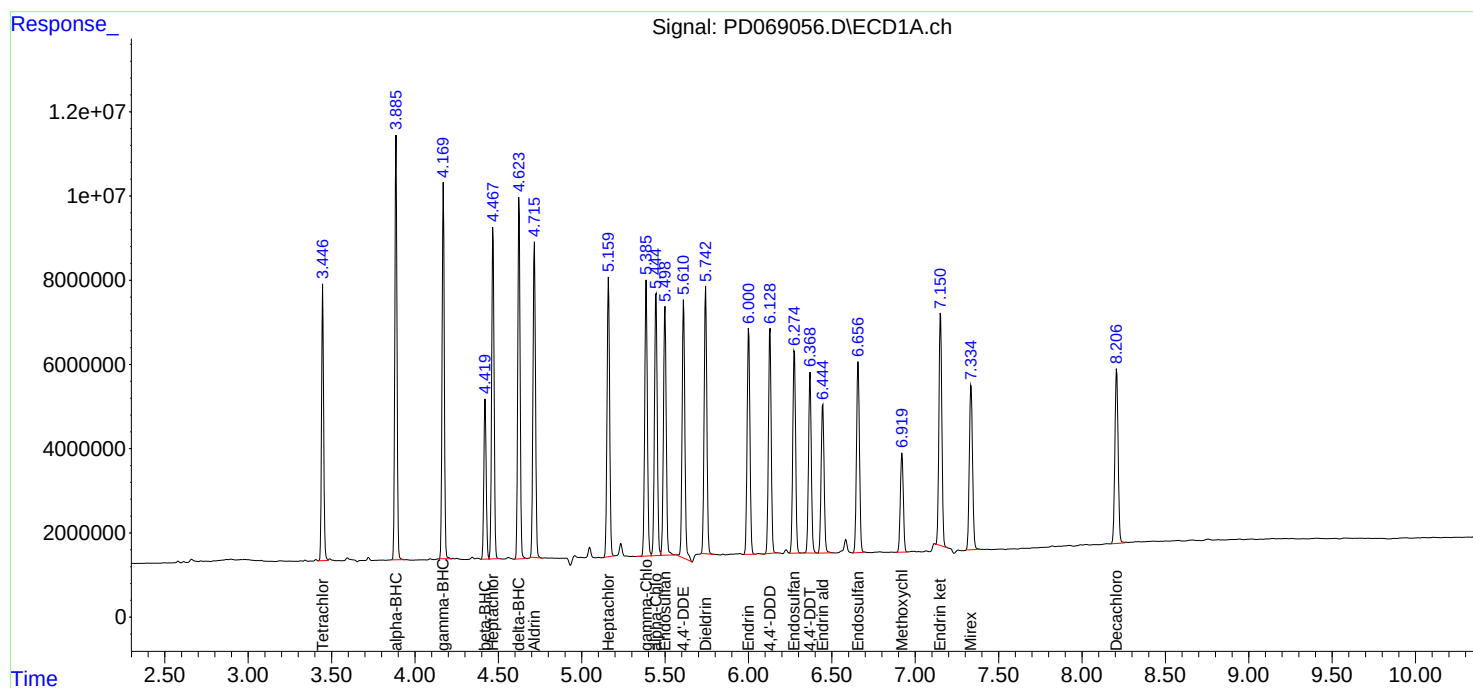
APPROVED

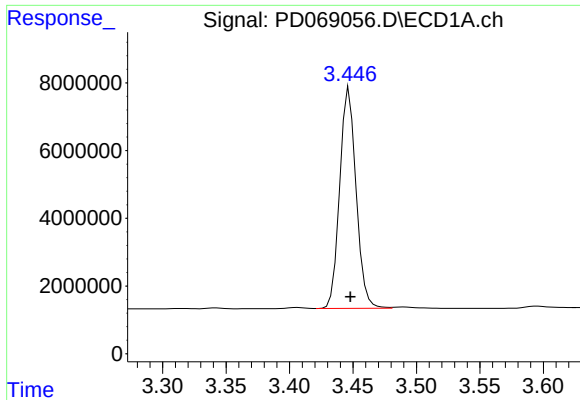
Reviewed By :Abdul Mirza 04/12/2022

Supervised By :mohammad ahmed 04/12/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 12:53:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 03:30:32 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





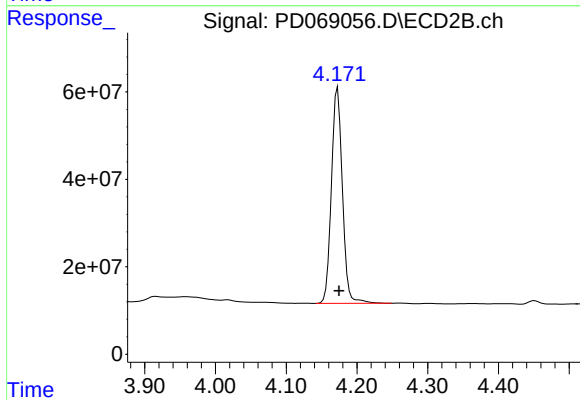
#1 Tetrachloro-m-xylene

R.T.: 3.447 min
Delta R.T.: 0.000 min
Response: 58547799
Conc: 48.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

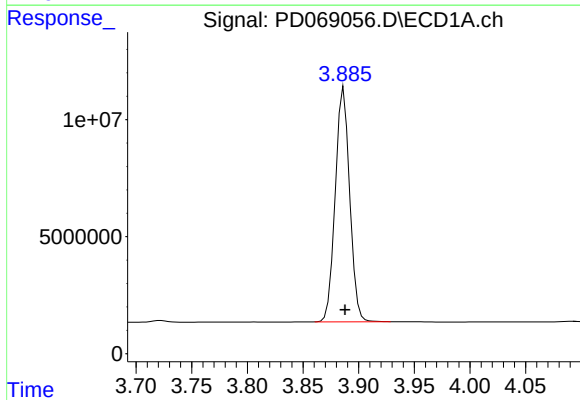
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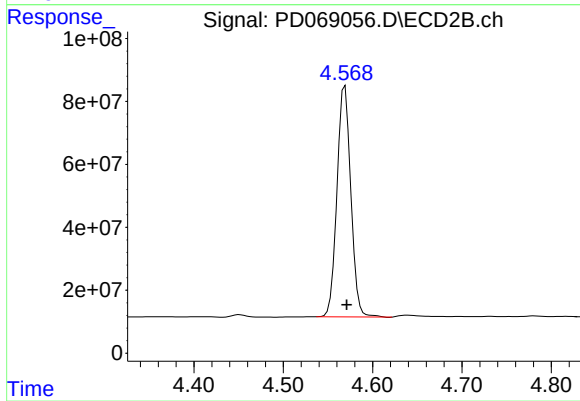
#1 Tetrachloro-m-xylene

R.T.: 4.173 min
Delta R.T.: -0.002 min
Response: 532906000
Conc: 55.74 ng/ml



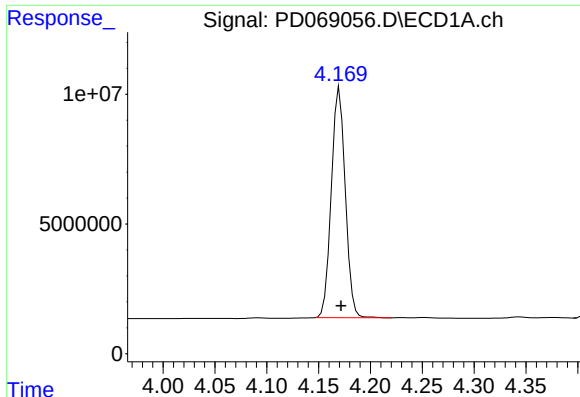
#2 alpha-BHC

R.T.: 3.887 min
Delta R.T.: 0.000 min
Response: 90341232
Conc: 49.90 ng/ml



#2 alpha-BHC

R.T.: 4.569 min
Delta R.T.: -0.002 min
Response: 789073176
Conc: 57.33 ng/ml



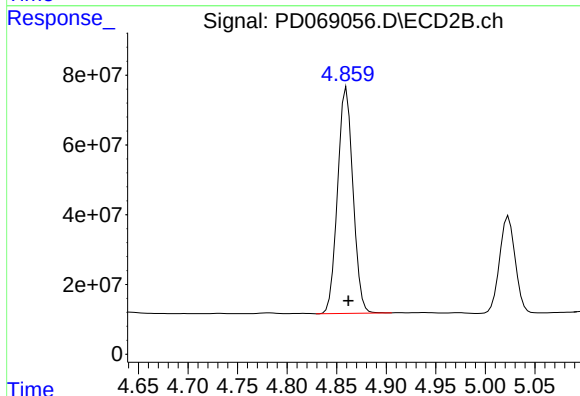
#3 gamma-BHC (Lindane)

R.T.: 4.170 min
Delta R.T.: -0.002 min
Response: 83153370
Conc: 49.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

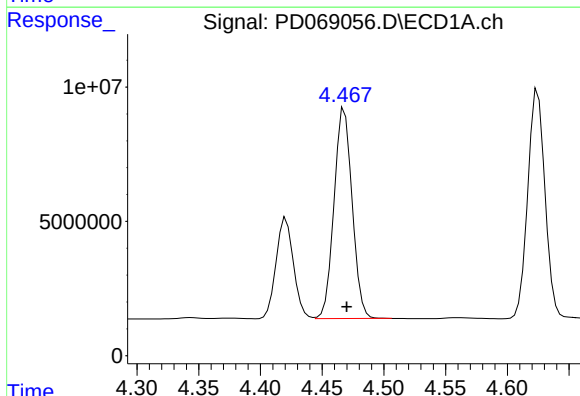
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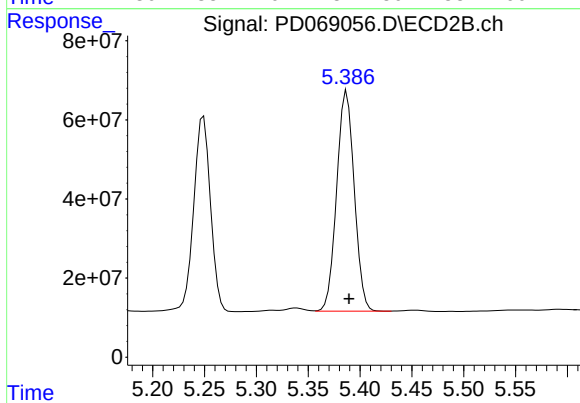
#3 gamma-BHC (Lindane)

R.T.: 4.860 min
Delta R.T.: -0.002 min
Response: 699422726
Conc: 55.94 ng/ml



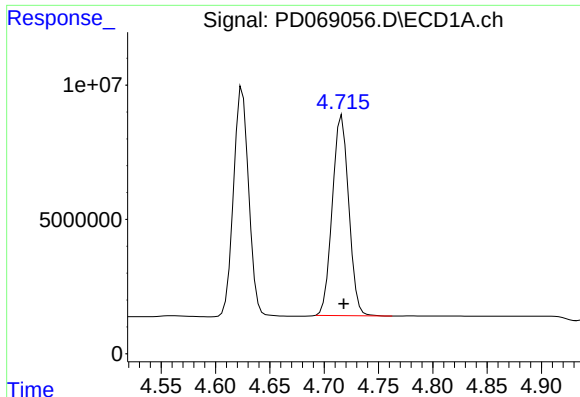
#4 Heptachlor

R.T.: 4.468 min
Delta R.T.: -0.002 min
Response: 79888196
Conc: 48.49 ng/ml



#4 Heptachlor

R.T.: 5.387 min
Delta R.T.: -0.002 min
Response: 657060244
Conc: 55.29 ng/ml



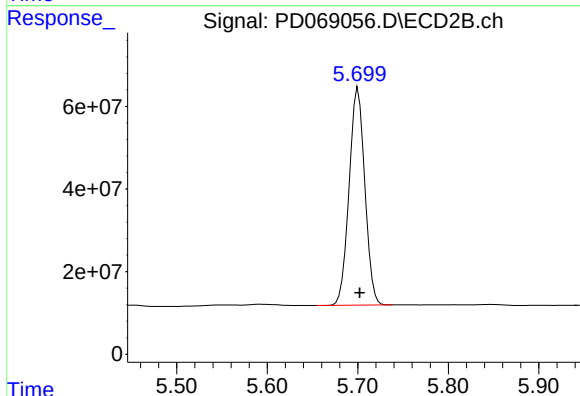
#5 Aldrin

R.T.: 4.716 min
Delta R.T.: -0.002 min
Response: 78525712
Conc: 49.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

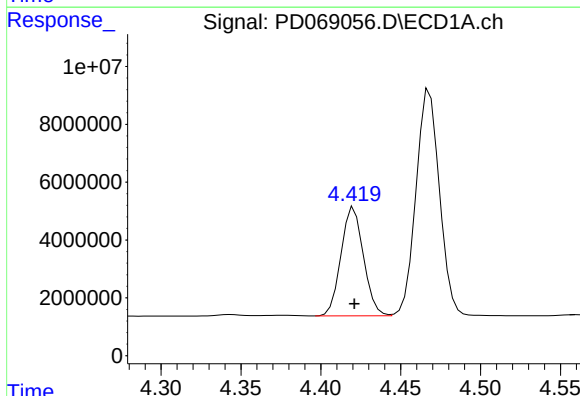
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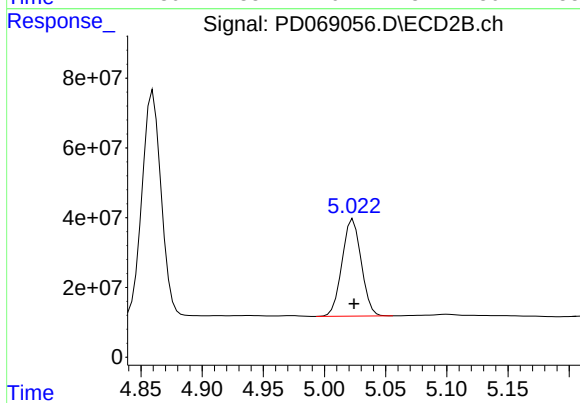
#5 Aldrin

R.T.: 5.700 min
Delta R.T.: -0.002 min
Response: 635361576
Conc: 55.35 ng/ml



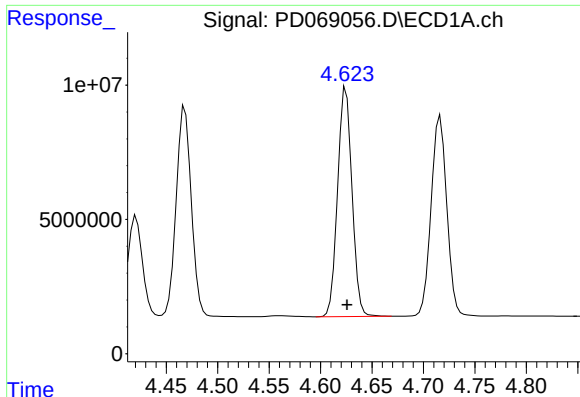
#6 beta-BHC

R.T.: 4.421 min
Delta R.T.: 0.000 min
Response: 36840168
Conc: 49.48 ng/ml



#6 beta-BHC

R.T.: 5.024 min
Delta R.T.: 0.000 min
Response: 304389062
Conc: 55.45 ng/ml



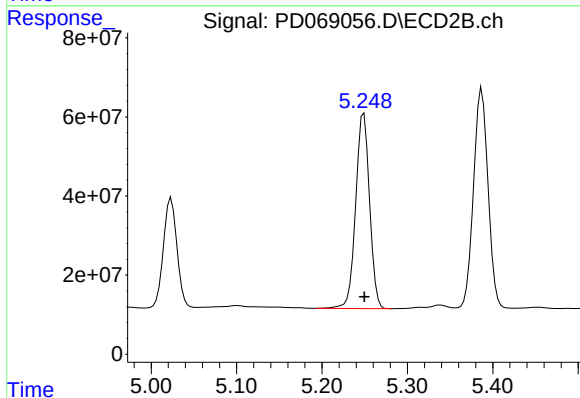
#7 delta-BHC

R.T.: 4.625 min
Delta R.T.: -0.001 min
Response: 83059807
Conc: 50.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

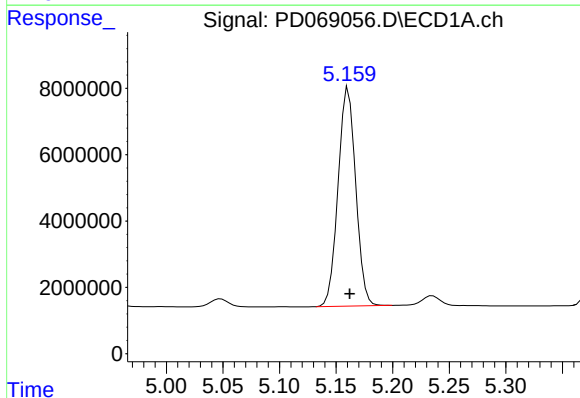
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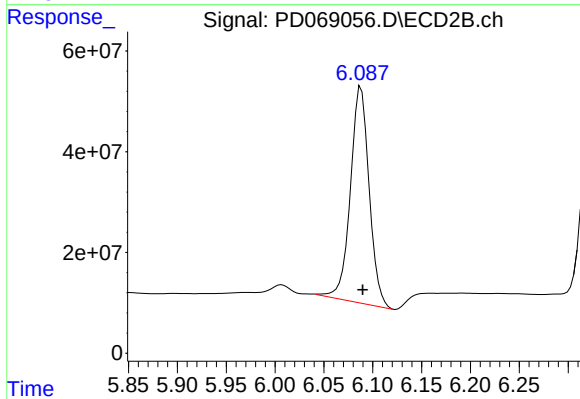
#7 delta-BHC

R.T.: 5.249 min
Delta R.T.: 0.000 min
Response: 557178750
Conc: 46.33 ng/ml



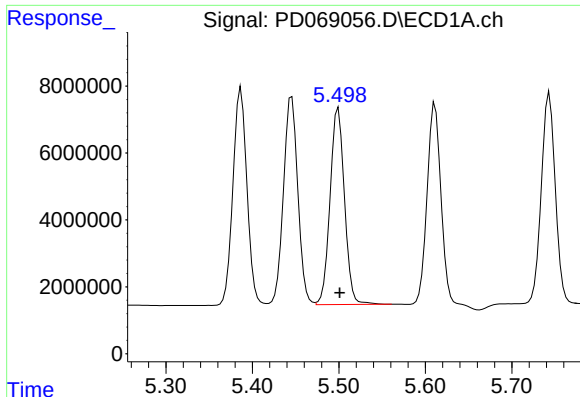
#8 Heptachlor epoxide

R.T.: 5.161 min
Delta R.T.: -0.001 min
Response: 71476407
Conc: 47.79 ng/ml



#8 Heptachlor epoxide

R.T.: 6.087 min
Delta R.T.: -0.003 min
Response: 573666433
Conc: 54.93 ng/ml m



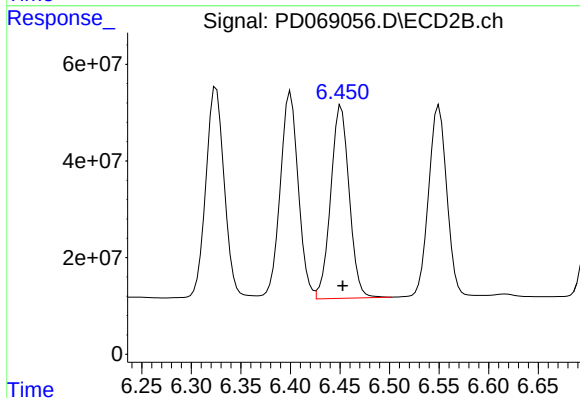
#9 Endosulfan I

R.T.: 5.499 min
Delta R.T.: -0.002 min
Response: 68035790
Conc: 48.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

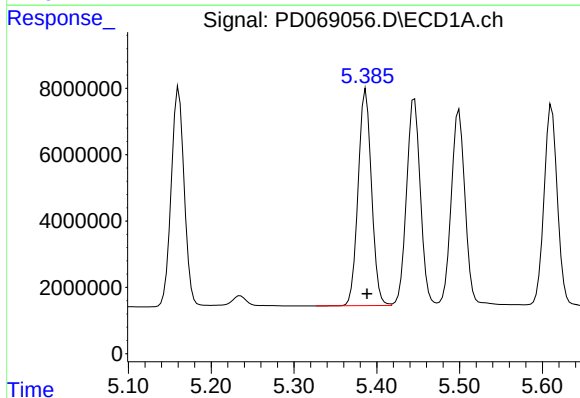
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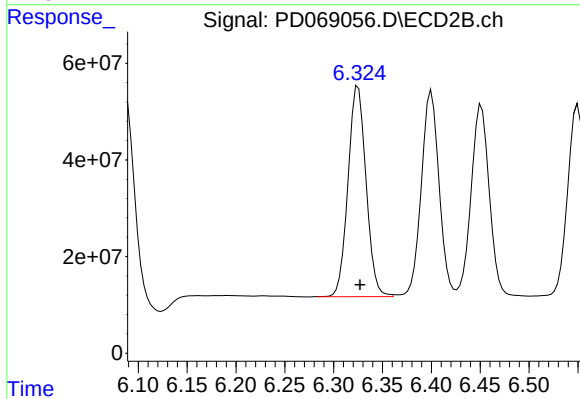
#9 Endosulfan I

R.T.: 6.451 min
Delta R.T.: -0.001 min
Response: 519287098
Conc: 55.37 ng/ml



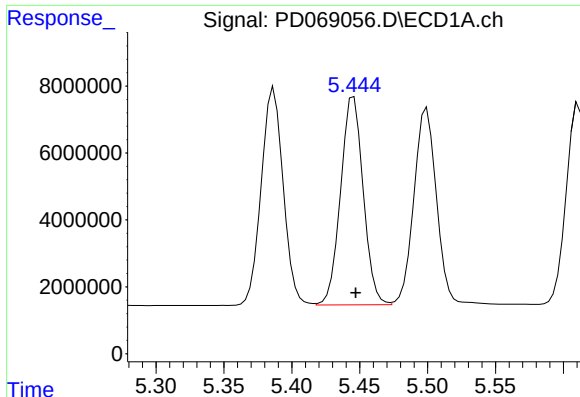
#10 gamma-Chlordane

R.T.: 5.387 min
Delta R.T.: -0.001 min
Response: 73199754
Conc: 48.25 ng/ml



#10 gamma-Chlordane

R.T.: 6.324 min
Delta R.T.: -0.003 min
Response: 561328535
Conc: 54.46 ng/ml m



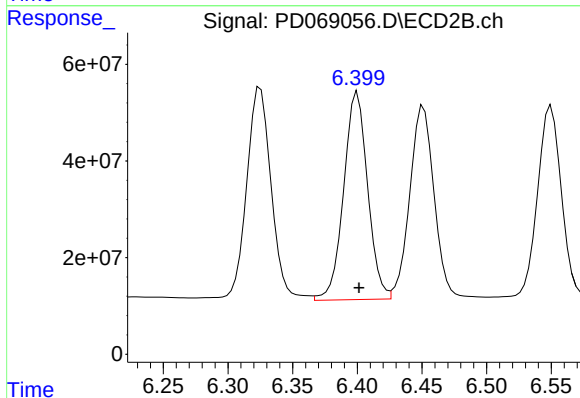
#11 alpha-Chlordane

R.T.: 5.446 min
Delta R.T.: -0.001 min
Response: 72179194
Conc: 48.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

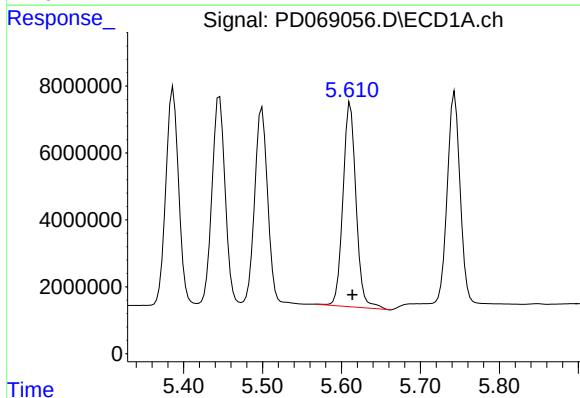
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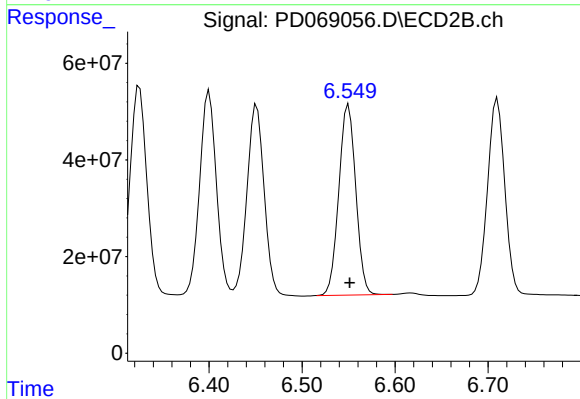
#11 alpha-Chlordane

R.T.: 6.400 min
Delta R.T.: -0.001 min
Response: 553433255
Conc: 55.59 ng/ml



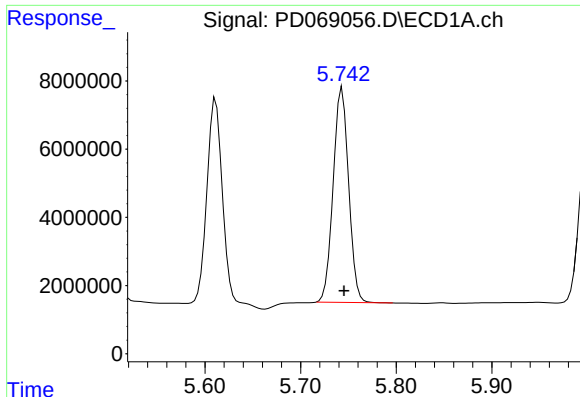
#12 4,4'-DDE

R.T.: 5.611 min
Delta R.T.: -0.002 min
Response: 70336526
Conc: 51.41 ng/ml



#12 4,4'-DDE

R.T.: 6.550 min
Delta R.T.: -0.001 min
Response: 499386342
Conc: 53.89 ng/ml



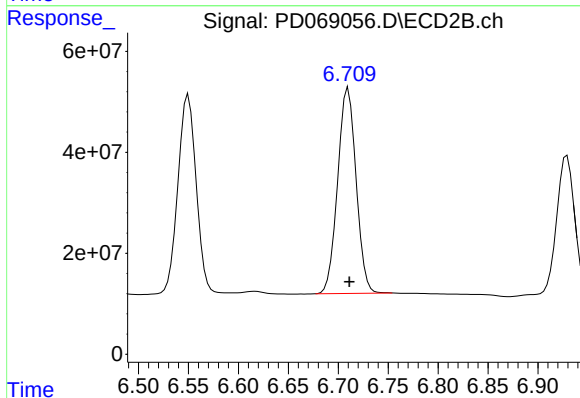
#13 Dieldrin

R.T.: 5.743 min
Delta R.T.: -0.002 min
Response: 70714983
Conc: 48.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

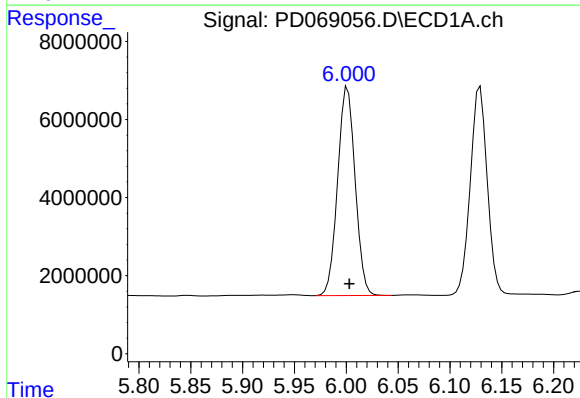
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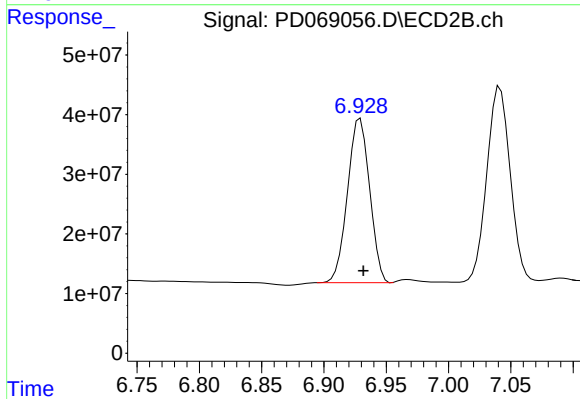
#13 Dieldrin

R.T.: 6.710 min
Delta R.T.: -0.001 min
Response: 524070225
Conc: 53.96 ng/ml



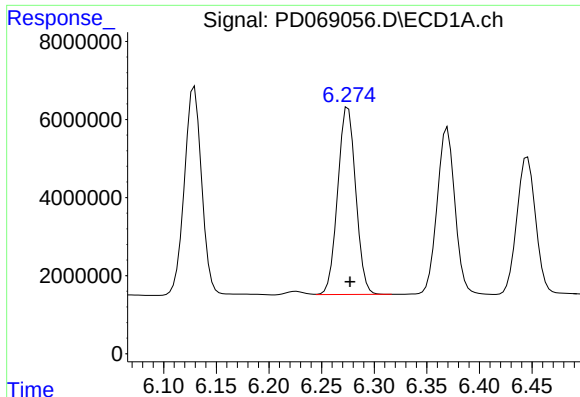
#14 Endrin

R.T.: 6.001 min
Delta R.T.: -0.002 min
Response: 62767479
Conc: 47.65 ng/ml



#14 Endrin

R.T.: 6.929 min
Delta R.T.: -0.003 min
Response: 342084576
Conc: 44.21 ng/ml



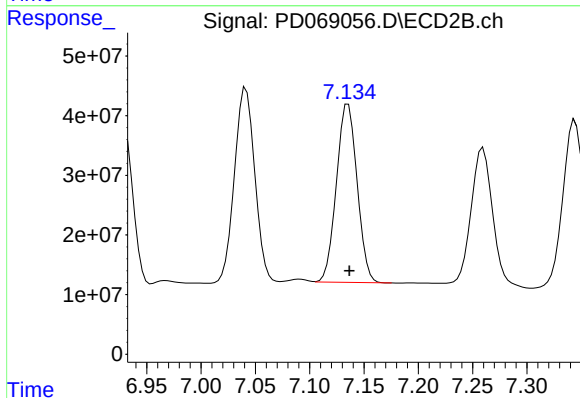
#15 Endosulfan II

R.T.: 6.275 min
Delta R.T.: -0.002 min
Response: 57334775
Conc: 46.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

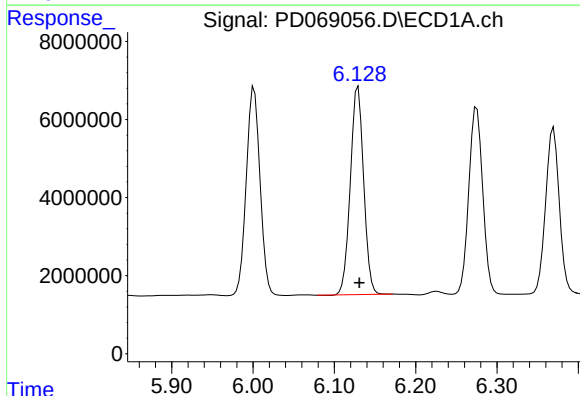
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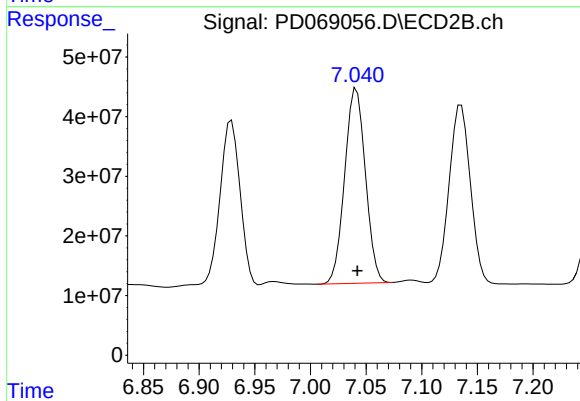
#15 Endosulfan II

R.T.: 7.135 min
Delta R.T.: 0.000 min
Response: 396654938
Conc: 52.48 ng/ml



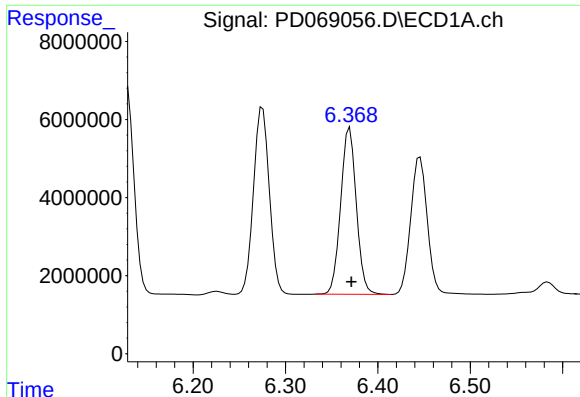
#16 4,4'-DDD

R.T.: 6.129 min
Delta R.T.: -0.002 min
Response: 60387120
Conc: 51.21 ng/ml



#16 4,4'-DDD

R.T.: 7.041 min
Delta R.T.: 0.000 min
Response: 424573532
Conc: 57.49 ng/ml



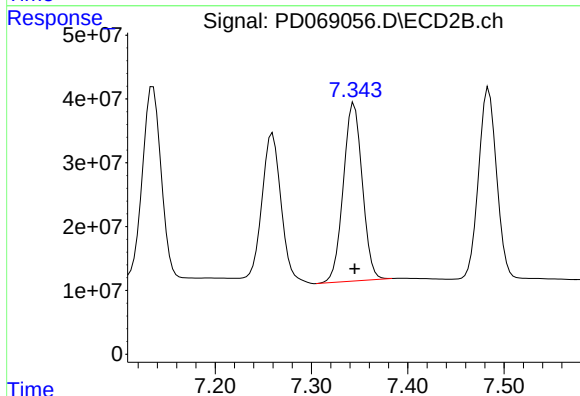
#17 4,4'-DDT

R.T.: 6.370 min
Delta R.T.: -0.002 min
Response: 50230009
Conc: 41.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

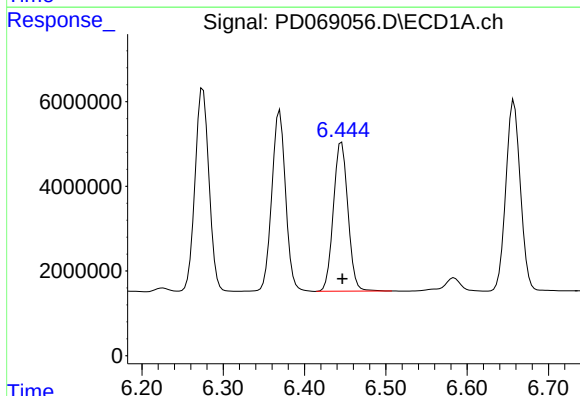
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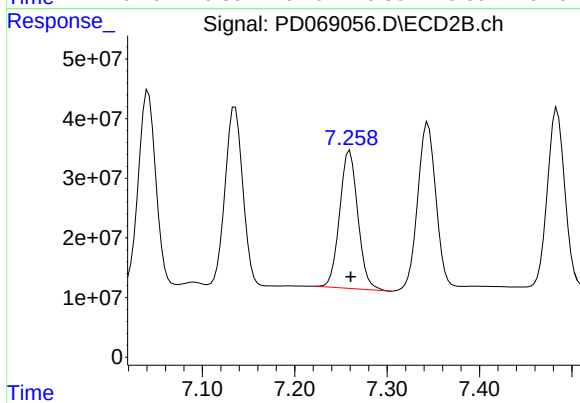
#17 4,4'-DDT

R.T.: 7.344 min
Delta R.T.: 0.000 min
Response: 379773761
Conc: 51.69 ng/ml



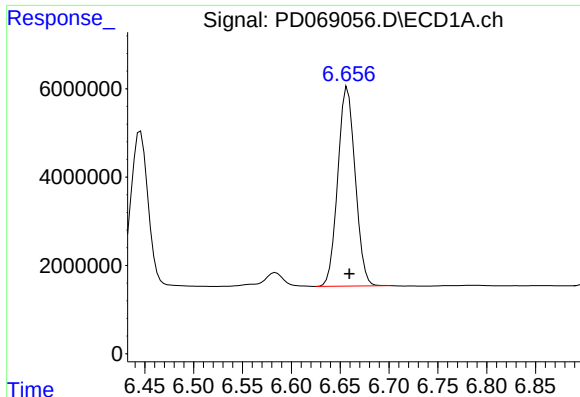
#18 Endrin aldehyde

R.T.: 6.446 min
Delta R.T.: -0.001 min
Response: 43840649
Conc: 44.16 ng/ml



#18 Endrin aldehyde

R.T.: 7.260 min
Delta R.T.: -0.001 min
Response: 316882467
Conc: 52.36 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.658 min
Delta R.T.: -0.002 min
Response: 55956828
Conc: 43.76 ng/ml

Instrument :

ECD_D

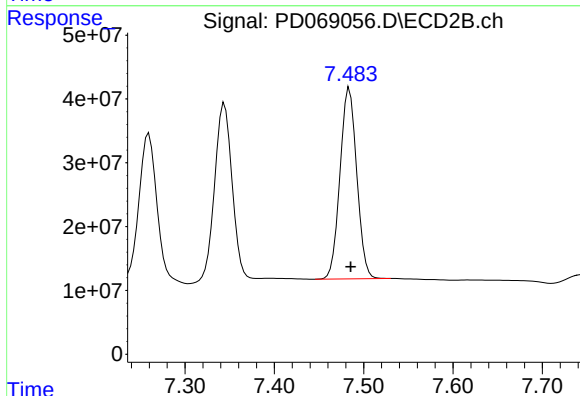
ClientSampleId :

PSTDCCC050

Manual Integrations

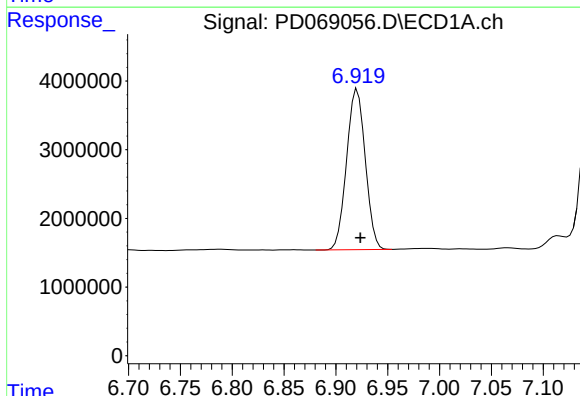
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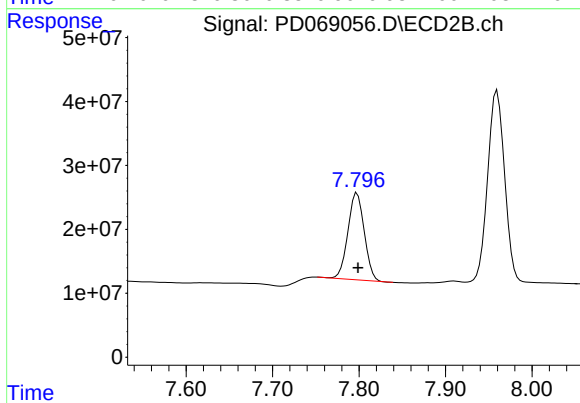
#19 Endosulfan Sulfate

R.T.: 7.484 min
Delta R.T.: -0.001 min
Response: 389946551
Conc: 53.02 ng/ml



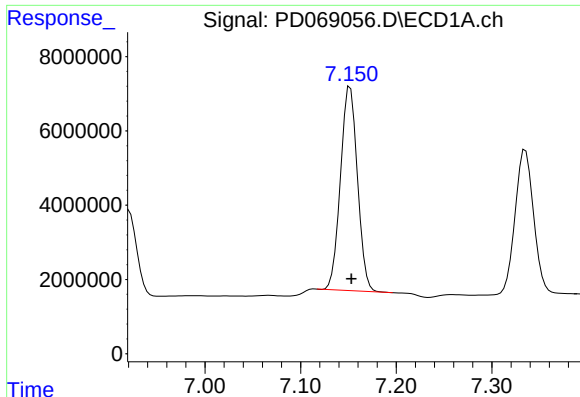
#20 Methoxychlor

R.T.: 6.921 min
Delta R.T.: -0.003 min
Response: 29346635
Conc: 42.35 ng/ml



#20 Methoxychlor

R.T.: 7.798 min
Delta R.T.: -0.001 min
Response: 177199647
Conc: 48.61 ng/ml



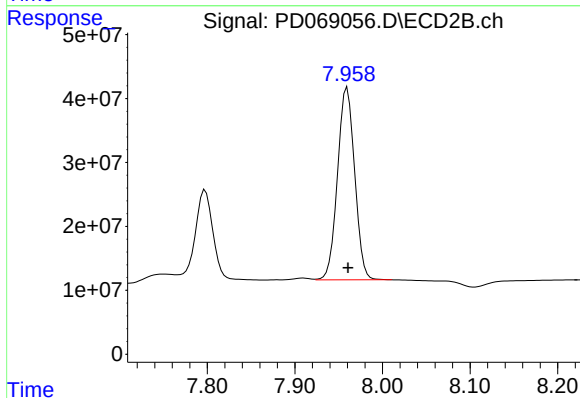
#21 Endrin ketone

R.T.: 7.152 min
Delta R.T.: -0.001 min
Response: 67831640
Conc: 46.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

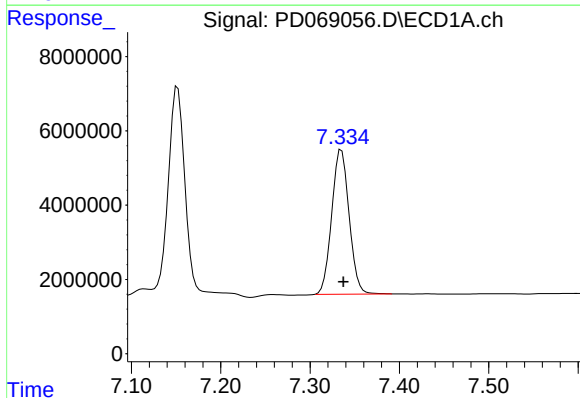
Manual Integrations
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Reviewed By :Abdul Mirza 04/12/2022
Supervised By :mohammad ahmed 04/12/2022



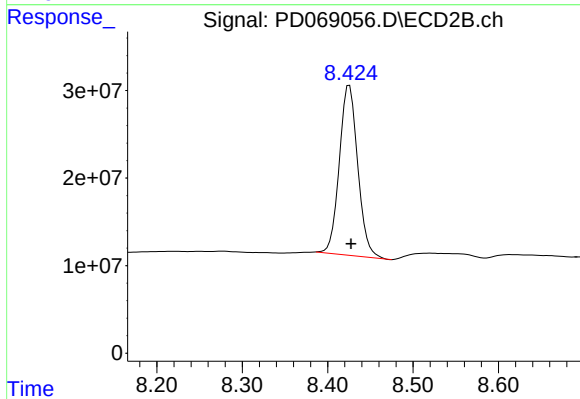
#21 Endrin ketone

R.T.: 7.960 min
Delta R.T.: -0.001 min
Response: 409620736
Conc: 52.86 ng/ml



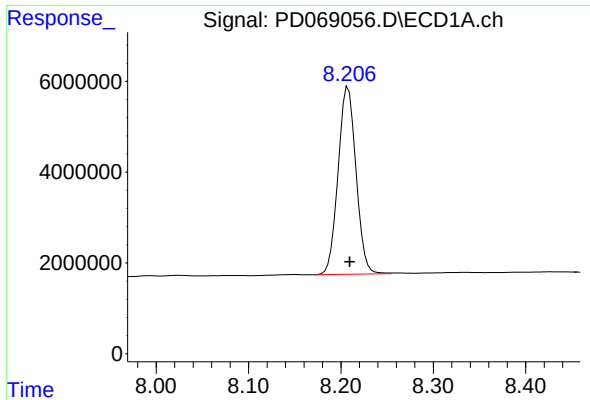
#22 Mirex

R.T.: 7.335 min
Delta R.T.: -0.002 min
Response: 52666721
Conc: 44.44 ng/ml



#22 Mirex

R.T.: 8.425 min
Delta R.T.: -0.002 min
Response: 291562883
Conc: 53.19 ng/ml



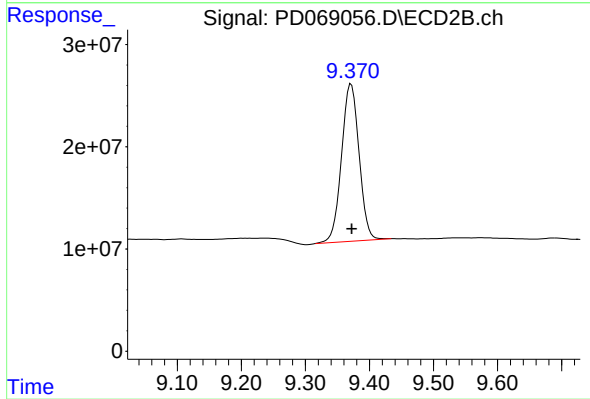
#28 Decachlorobiphenyl

R.T.: 8.208 min
Delta R.T.: -0.002 min
Response: 55623622
Conc: 44.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/12/2022
Supervised By :mohammad ahmed 04/12/2022



#28 Decachlorobiphenyl

R.T.: 9.372 min
Delta R.T.: 0.000 min
Response: 293729328
Conc: 51.83 ng/ml